1st & part Bill

Abstract

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements to drain (concreat dr... and Comprehensive development of roads from 12th A Cross to 20th R Cross at Bhuvaneshwari nagar near Coffee board park ward No 6 Byatarayanapu... Assembly Constituency (Near Coffee Board park)						
	Estimate cost:- 200.00 lakhs ✓						
	Job code:- 006-19-000031 ✓						
	Name of Contractor (Agency) :- Executive Engineer, KRIDL #280, 59th cross Road, Rajajinagar Bl'lore						

Serial No. .....
Name of Work .....
Name of Contractor of natu...
Date of commencement of ...

Date	Full description,
1	2
(1)	Scarifyin... with pre... patches ... and sta... includi... -ery etc.
(2)	Earth w...

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nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ments to drain (concreat dr			
ensive development of			
12th A Cross to 20th Cross			
shwari nagar near office			
ward No 6 Byatarayanapu			
Constituency (Near			
ard parle)			
50 lakhs			
9-00031			
tive Engineer, KRIDL			
ross Road, Rajajinagar Bl ore			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497326

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(1)	Scarifying bituminous course 50mm to 75mm thick along with prefix carpet/surface dressing by road roller patches with scarifier without disturbing the base and stacking the debres with in a lead of 100m including cost of all labour charges upto of mating ery etc complete. @ Rate 41.34/m²					5497.92 m² = 227284.00	
(2)	Earth work excavation by mancual means in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ordinary Soil including an avg. t/k throw upto 25m & an avg. L/H upto 0.5m excavated surface neatly dressed the earth to be leveled & Rides disposed. the disposed forcening work neatly after						
	@ Rate 137.80/m³					776.86m³ = 107051=00	
(3)	Removing R.C.C Slab of Drain & Stalling						
	@ Rate 104.94/m²					1565.12m² = 164248.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(4)	Letting ston
	@ Ra
(5)	providing gra
	roughly dress
	fixing using
	@ Rat

pth 6	Contents 7	Reference to last Measurement 8
	ing the throw up to 0.5m eled & Rids 0 Rod. lis disposed atly after	
^{3} m	776.85 m^3 = 10705/-00	
	Drain & Stalling 1565.12 m^2 = 164248.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497327

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	Letting stone slabs of drains & pointing in CM(1:3) @ Rate 111.30/m^2					1565.12 m^2 = 174198.00	
(5)	providing granite slabs of Selected Quality roughly dressed & fixed in C.M(1:6) including fixing lugs etc complete @ Rate 742/m^2					639.28 m^2 = 474346.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) providing & laying in position P.C.C. of mix M 1:4:8 with 40 m.m & down size graded granite metal coarse aggregate etc complete @ Rate 5408.14/m³					153.04 153.05 m³ 82765.9 = 82773.00	
	(7) providing & Constructing granite/trap/ basalt ssm in foundation with c.m 1:6 @ Rate 4871.76/m²					26.71 m² = 130125.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(8)	providing & SSM in base c Chisel dresse etc complete @ R
(9)	providing & Strutting pro

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
position P.C.C. of t down size graded aggregate etc complete			
$/m^3$	153.04 / 827659	153.05 m^3 = 827713.00	
ing graite/trap/ tion with c.m 1:6			
871.76/m^2		26.71 m^2 = 130125.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497328

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	providing & Constructing granite/trap/ basalt- SSM in basement with c.m 1:6 edges of stones Chisel dressed in courses not less than 15c.m high etc complete @ Rate 581196/m^2					15.03 m^2 = 87354.00	
(9)	providing & removing Centering, Shuttering Strutting propping etc & removal of formwork						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for fixes & fabrics of beams. etc Complete						
	@ Rate 309.52/m²					972.52 m²	
						= 301014.90	
(10)	providing & laying in position P.C.C of mix 1:3:6 with 20mm & down size graded granite metal course aggregates & fine aggregates etc Complete						
	@ Rate 5627.54/m³					109.23 m³	
						= 614696.00	
(11)	providing flush pointing to Coursed stone						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	masonry wi
	raising etc
	@ Rate 22
(12)	providing & l
	with 20mm &
	course aggreg
	complete

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
...ons.		etc Complete	
2		972.52 m²	
		= 30101.00	
Position		p.c.c of mix	
...m size graded		...te aggregates &	
		Complete	
...m³		109.23 m³	
		= 614696.00	
		to Course Stone	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497329

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	masonry Wall C.M 1:3 20 m.m deep after ...ravering etc Complete. @ Rate 223.66/m²					37.10 m² = 8298.00	
(12)	providing & laying in position p.c.c of mix M20 with 20 m.m & down size graded granite metal Course aggregates & fine aggregates etc Complete @ Rate 5998.54/m³					137.3 m³ = 823890=00 = 823600=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(13) providing T.M.T Steel reinforcement for R.C.C work including Straightening, cutting bending placing in position lapping etc complete.						
	@ Rate 75223.96/Tonne					9.03 Tonnes	
						= 679272=00	
	(14) providing & Constructing precast-Concrete solid blocks with Compressive strength not less then 35kg/m² with C.M 1:4 masonry with solid Concrete blocks etc Complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	(15) precast
	including
	Concrete
	like well
	complete

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
			einforcement for rcightening, Letting ion lapping etc
		9.03 Tonnes =679272=50	
			precast-Concrete tive Strength C.M 1:4 masonry etc Complete

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497330

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ Rate 966.72/m²					465.6m² = 450105=50	
(15)	precast slab 20mm & down size for slab including centering & Shuttering machine mixed Concreate laid in layers not exceeding 15cms like well compacted cost of all material etc complete @ Rate 2400/m²					1593.72m² = 3346812=50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(16) providing fixing pre cast- C.C benches stone made out of C.C 1:2:4 with top & bottom width 114 & 165 mm respectively & 450 mm in length finished with C.M 1:3 etc Complete Rate 432.48/m²					3935.11 m² = 170185600	
	(17) Applying priming coat- over new wood surface &/or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt- etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(18) providing & ap wood surface enamal paint Complete

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ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	providing fixing pre cast- C.C blocks stones made out of C.C 1:2:4 with top & bottom width 114 & 165 mm respectively 400 mm high & 450 mm in length finished with C.M 1:3 etc Complete Rate 432.48/m²					3935.11 m² =170185600	
(17)	Applying priming coat- over new wood surface &/or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Dat	Full description, etc, of work
1	2
(18)	providing & wood surface enamel pa Complete

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h	Depth 6	Contents 7	Reference to last Measurement 8
			C.C beds 8 ton @ ill- top & bottom ually 400mm Ligh hest. with c.m 1:3 3935.11 m² =170856=00 r new wood sed surface ther thoroughly etc complete

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497331

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@ Rate 53/m²				531.24 m² = 28156=00	
(18)	providing & applying painting two coats on new wood surface or wood basis surface with enamal paint to give an even glaze etc complete	@ Rate 65.72/m²				531.24 m² = 34913=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(19) providing laying Spreading & compacting grades Stones aggregates to wet mix macadam Specification including processing materials etc complete @ Rate 2001.28/m^3 126 m^3 = 252767=00						
	(20) providing & applying primer coat from 7.5 to 9.8 kg & 9.8 to 12.2 kg/10 m^2 for surface of low & medium porosity respectively with prepared surface of granular base etc complete						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	@ R
(21)	providing & la
	like with 100-
	producing an
	etc complete

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
	ng & Compacting	
	ts to wet mix	
	including pressing	
001.28/m³	126 m³	
	= 252767=00	
	=	
	ner coat from 7.5 to	
	or surface of low &	
	ully with prepard	
	base etc Complete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497332

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	~~Rate~~ 36.09/m²					5493.12/m²	
						= 197972=00	
(21)	providing & laying bituminous Concreate 40mm						
	thick with 100-120 TPH batch type hot mix plant						
	producing an ave. out put of 75 tonnes per hour						
	etc complete						
	~~Rate~~ 8869.02/m³					219.72/m³	
						= 1948701=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(22)	providing & laying of hot applied Thermoplastic compound 2.5 m.m thick including reflectising glass beads at 250 gms/m^2 area etc complete @ Rate 454.74/m^2					91.28 m^2 = 41509=00	
(23)	loading & Unloading of stone boulders by manual means etc complete @ Rate 60.42/m^3 Unit rate 740					776.86 m^3 44211 = 46938=00	
					Totals	14943775=00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		applics Thermoplastic	
		mending reflectising	
,2		area etc complete	
4/m²		91.28 m²	
		= 41509=00	
		one boulders	
		Complete	
		776.86 m²	
		44211 = 46938=00	
		1494377 5=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497333

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				Total		1494377 5=00	
				GST 12%		179 3258=00	
						179 3253=0	
				PMC charges 1%		149438=00	
				KRIDL charges 3%		448313=00	
				Labour Cess 1%		149438=00	
				Net Total		17484217=00	

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28/6/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: (1) The above work done by contractor is Satisfactorially. (2) The above Bill amount is not claimed any earlier Bills.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Bi

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
—		Work done by	
s		Satisfactorially.	
—		Bill amount is	
d		any earlier	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497334

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Dasarahalli Main Road Bhuvaneshwari Nagar 18th A 1st Main 18th A Cross 19th A Cross 20th A Cross 21st A Cross CC. Drain CC. Drain Asphating. opp: park.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and part Bill.					Deductions	
						IT 346643:00	
						LC 17332:00	
						CBT 17332:00	
						Cess 154751:00	
						Sscss 154751:00	
						LR 153531:00	
						FD 866607:00	
						T.D 1866936:00	
						Net 15465195:00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2